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F-8744

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Norio OHTAKE, et al.  
Serial No. : 10/541,704  
Filed : July 8, 2005  
For : PRODUCING METHOD AND PRODUCING  
APPARATUS OF NUCLEAR SPIN POLARIZED  
XENON GAS  
Group Art Unit : UNKNOWN  
Examiner : UNKNOWN

Certificate of Mailing Under 37 CFR 1.8

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C. Bruce Hamburg  
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INFORMATION DISCLOSURE STATEMENT

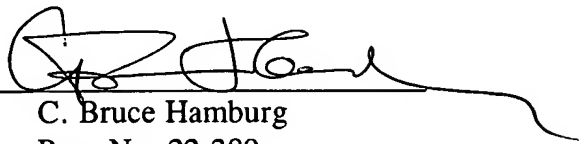
Sir:

Submitted herewith is an Information Disclosure Citation together with  
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Please note that concise explanations of the relevance of two of the documents listed in the Information Disclosure Citation appear at page 2 of the specification.

Respectfully submitted,

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<b>Form PTO-1449</b> (Rev. 7-80) 42-44F (F-49)		<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Atty. Docket No.: F-8744</b>		<b>Serial No.: 10/541,704</b>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				<b>Applicant: Norio OHTAKE, et al.</b>		<b>Filing Date: July 8, 2005</b>	
				<b>Group:</b>			
<b>U.S. PATENT DOCUMENTS</b>							
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		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>
							<b>Yes</b> <b>No</b>
<b>TRANSLATION KEY:</b> * English Abstract. <sup>F</sup> Concise statement of relevance provided in foreign search report. <sup>C</sup> Concise statement of relevance provided in specification. <sup>S</sup> Concise statement of relevance provided in IDS. <sup>P</sup> Relevant portion of reference translated. <sup>O</sup> English abstract only - copy of reference in pct search.							
<b>OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	01	10/15/1989 Optical pumping of high-density Rb with a broadband dye laser and GaAlAs diode laser arrays: Application to <sup>3</sup> He polarization M.E. Wagshul & T.E. Chupp The American Physical Society Vol. 40, No. 8 pages 4447 - 4454					
	02	2/4/1991 High-Field NMR of Adsorbed Xenon Polarized by Laser Pumping D. Raftery, et al. The American Physical Society Vol. 66, No. 5 pages 584 - 587					
	03	7/8/1996 High-Volume production of laser-polarized <sup>129</sup> Xe B. Driehuys et al. American Institute of Physics, Appl. Phys. Lett. Vol. 69 pages 1668 - 1670					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
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